

FIG. 1
PRIOR ART

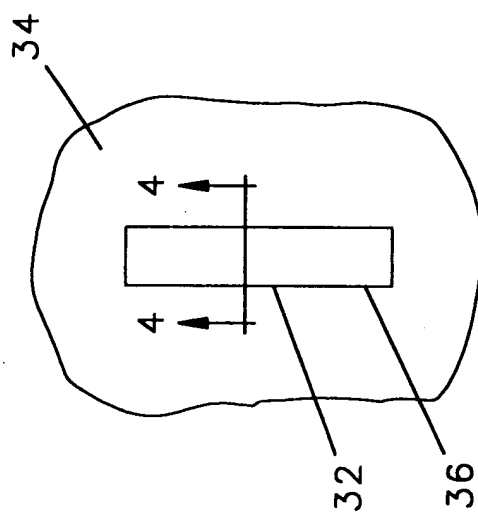


FIG. 3

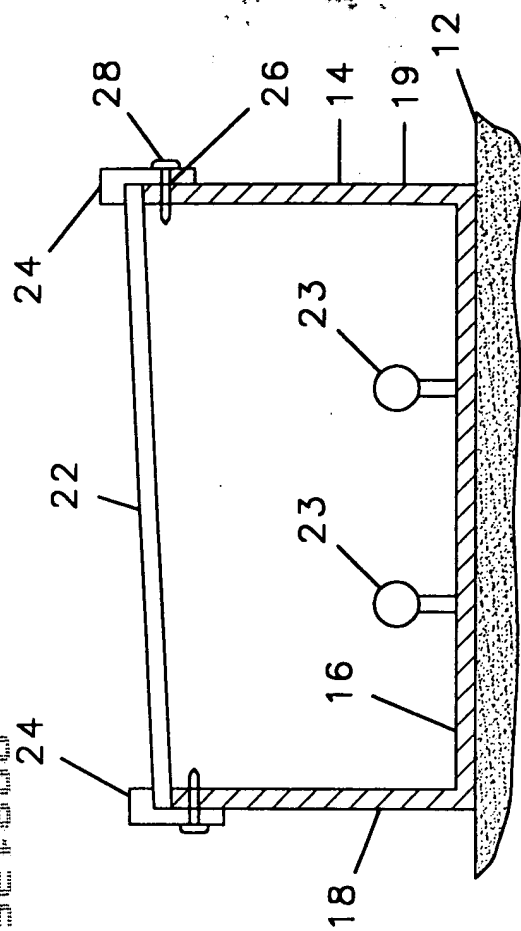


FIG. 2
PRIOR ART

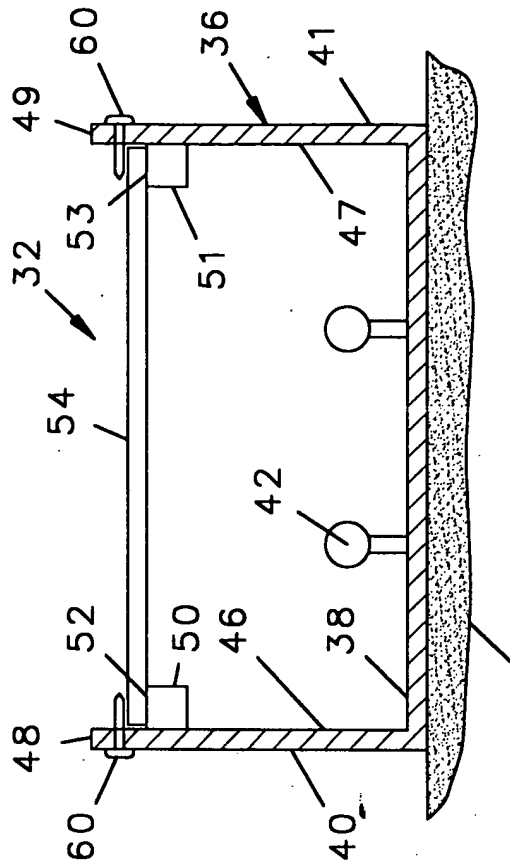


FIG. 4

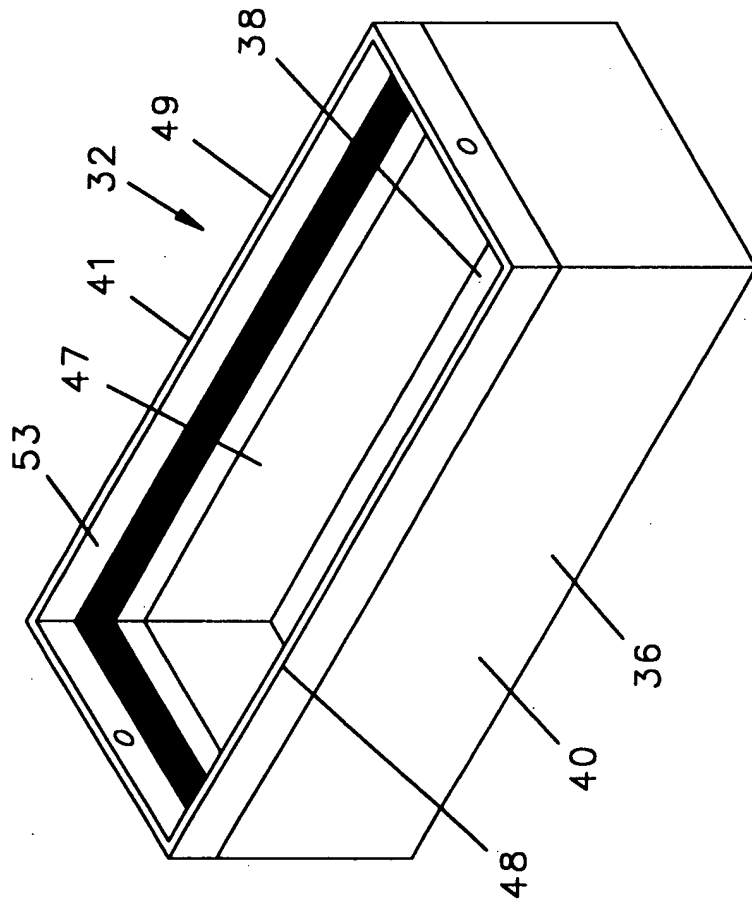


FIG. 5

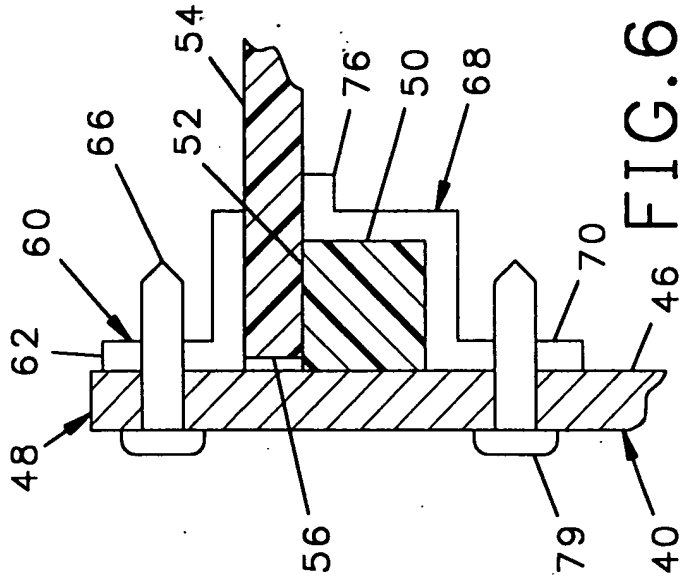


FIG. 6

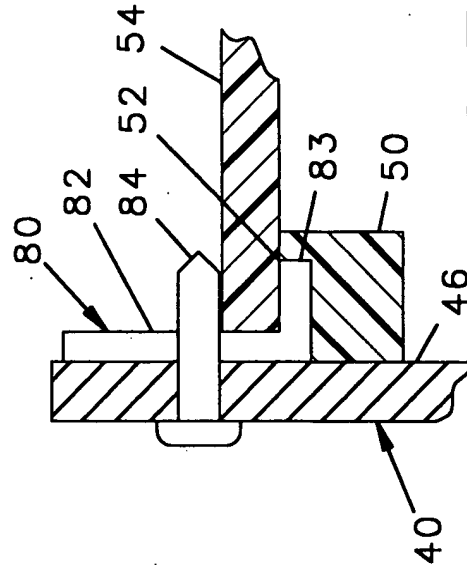


FIG. 7

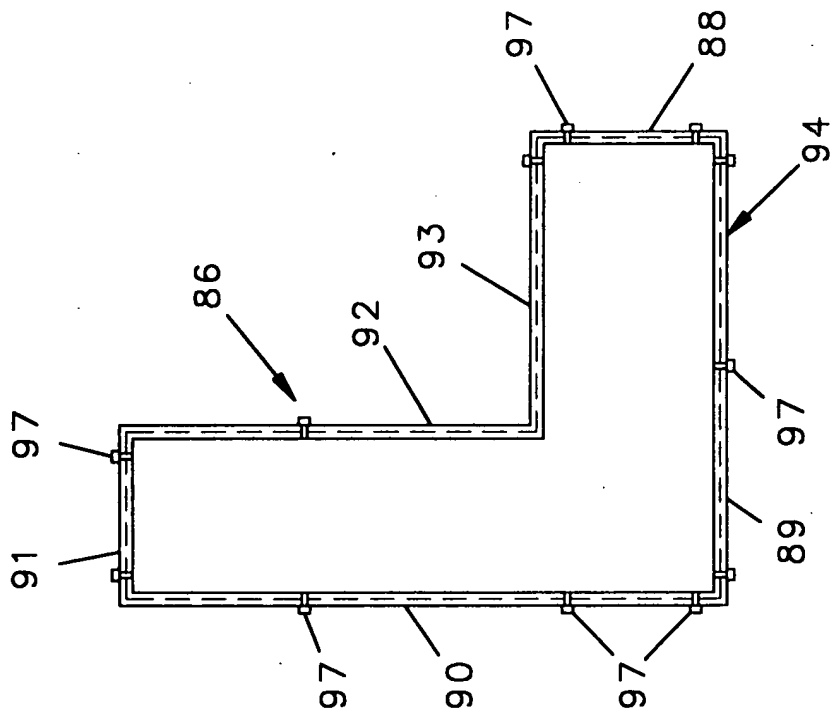


FIG. 8

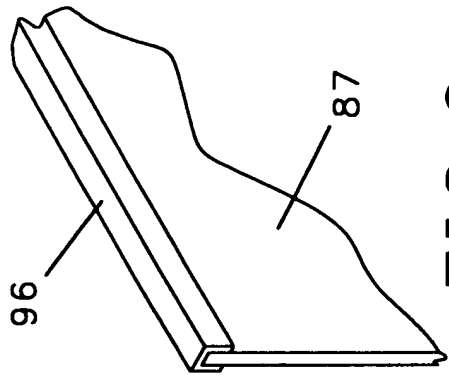


FIG. 9

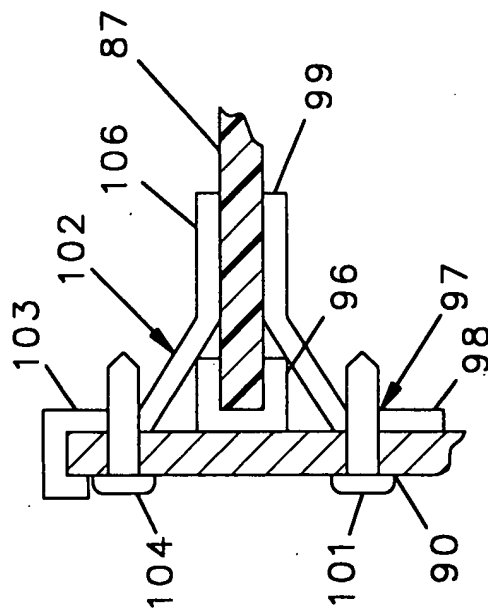


FIG. 10

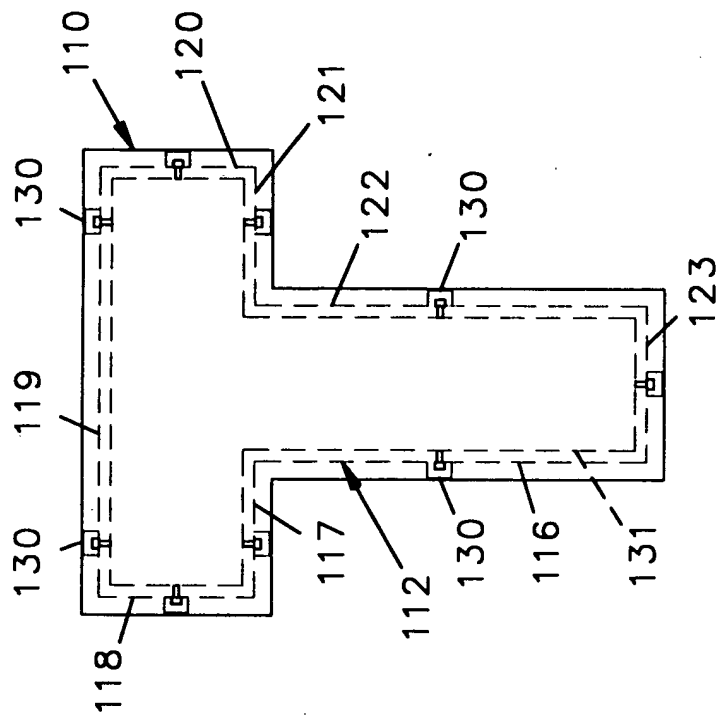


FIG. 11

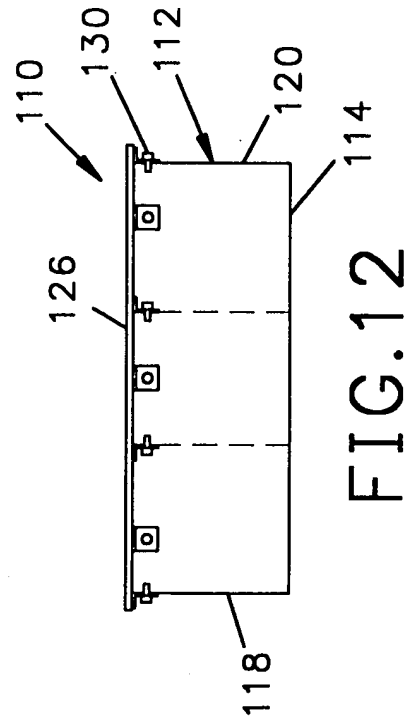


FIG. 12

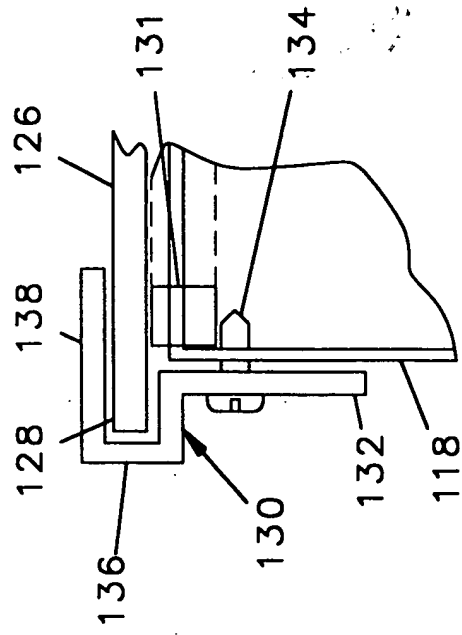


FIG. 13

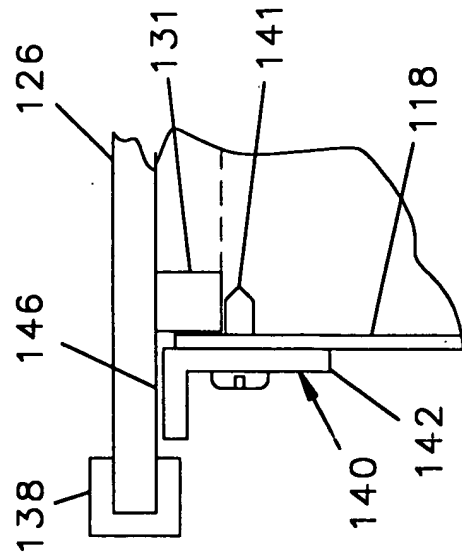


FIG. 14

FIG. 3B

100

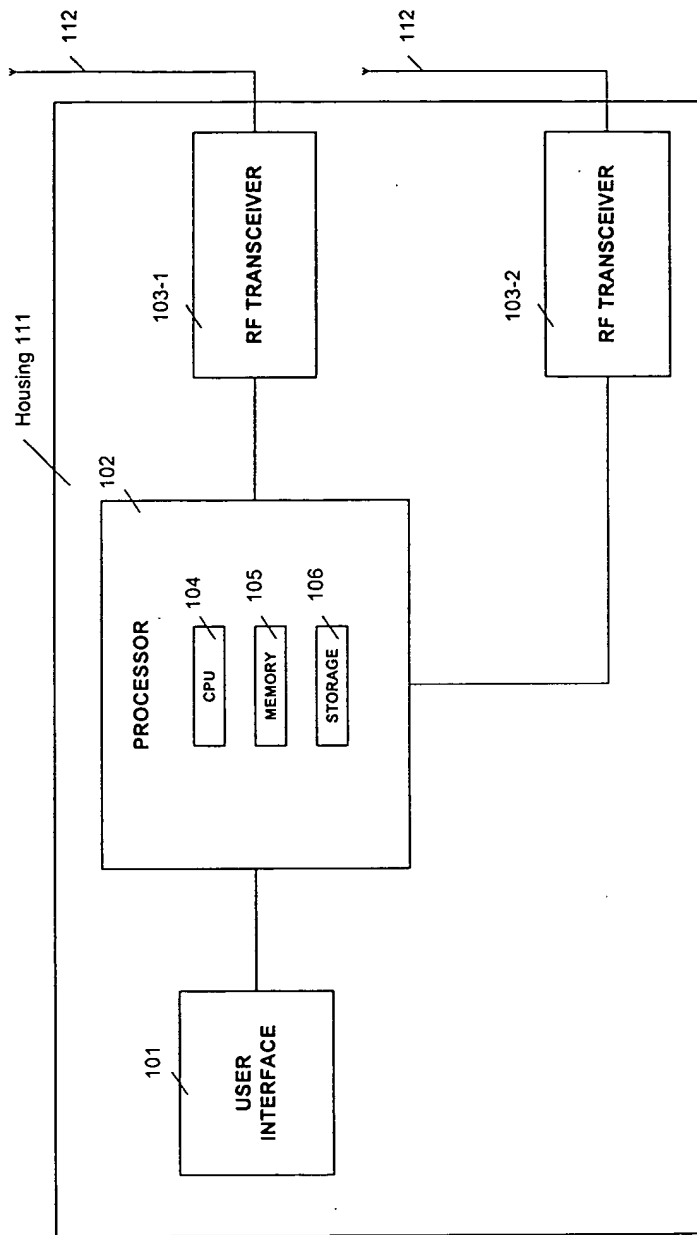


FIG. 3B

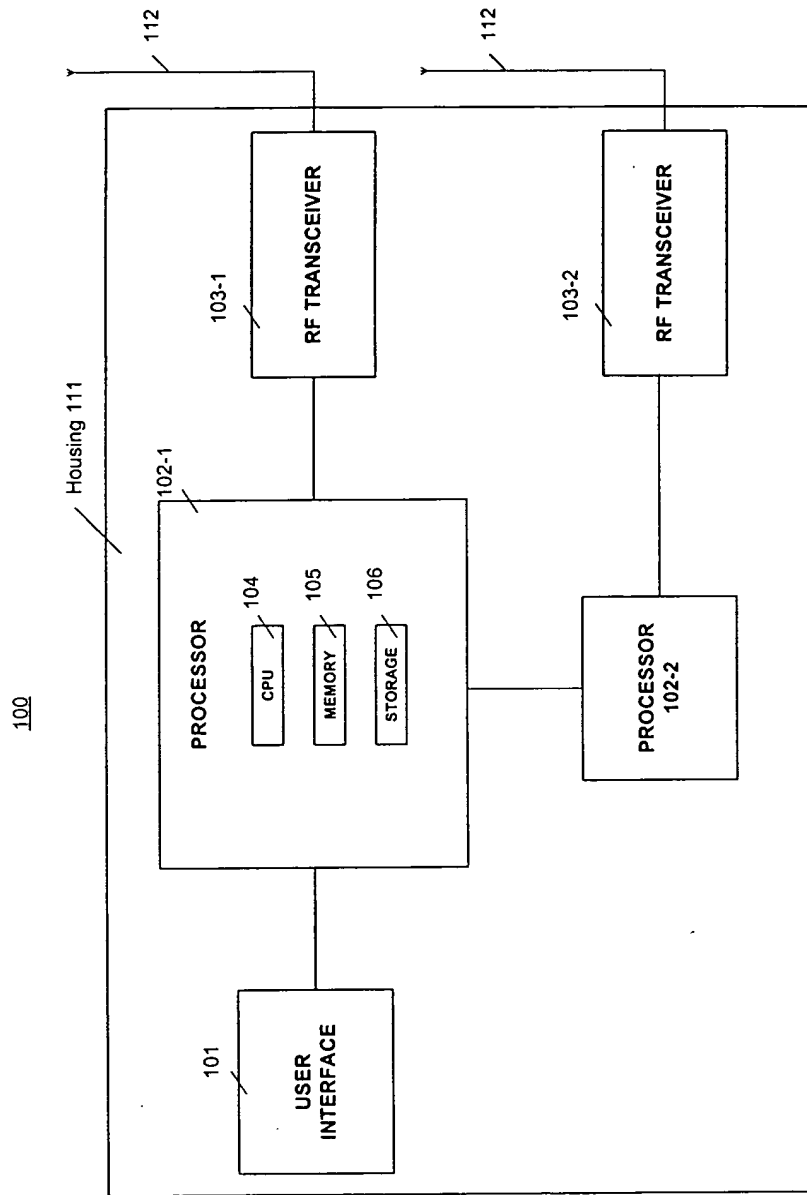


FIG. 3C

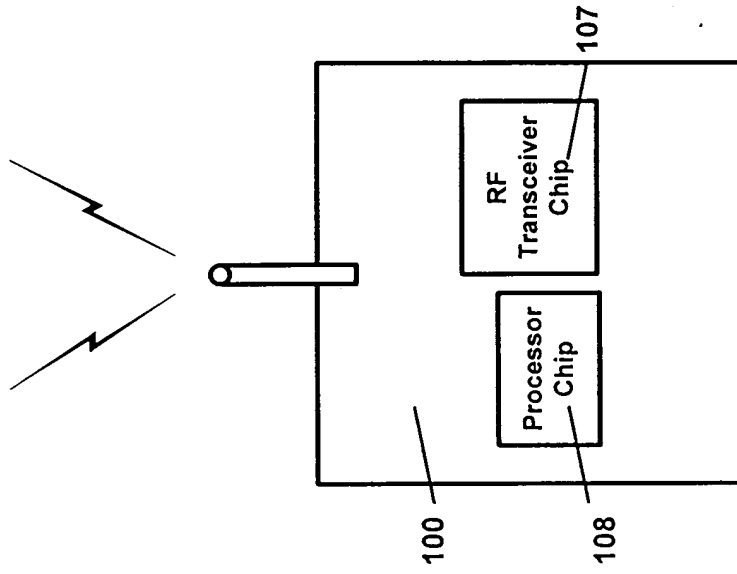


Fig. 4A

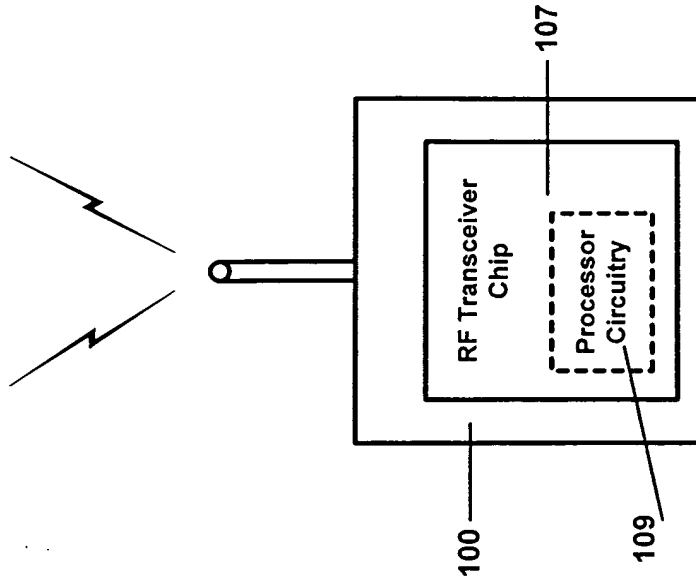
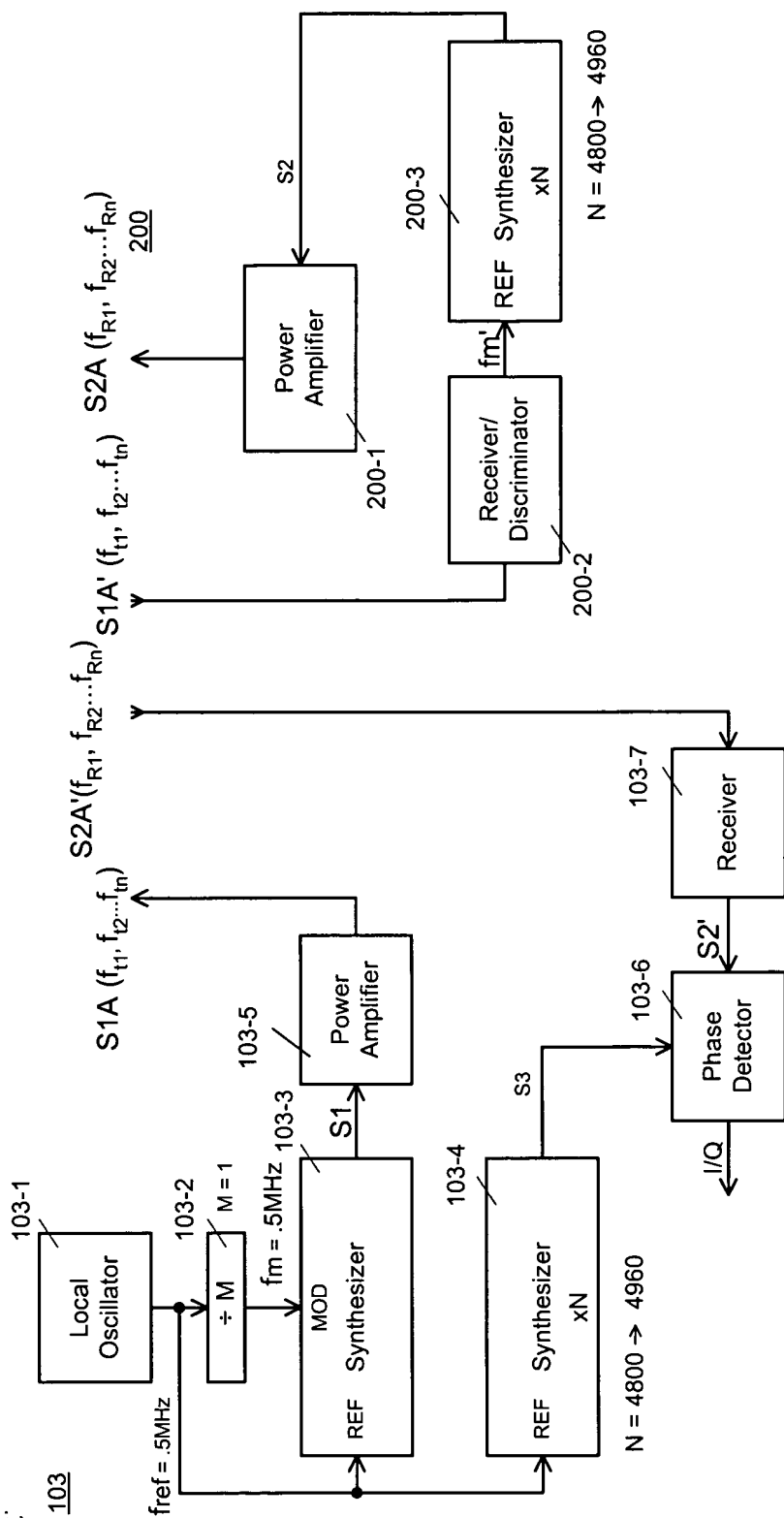


Fig. 4B



REMOTE STATION

BASE STATION

FIG. 5

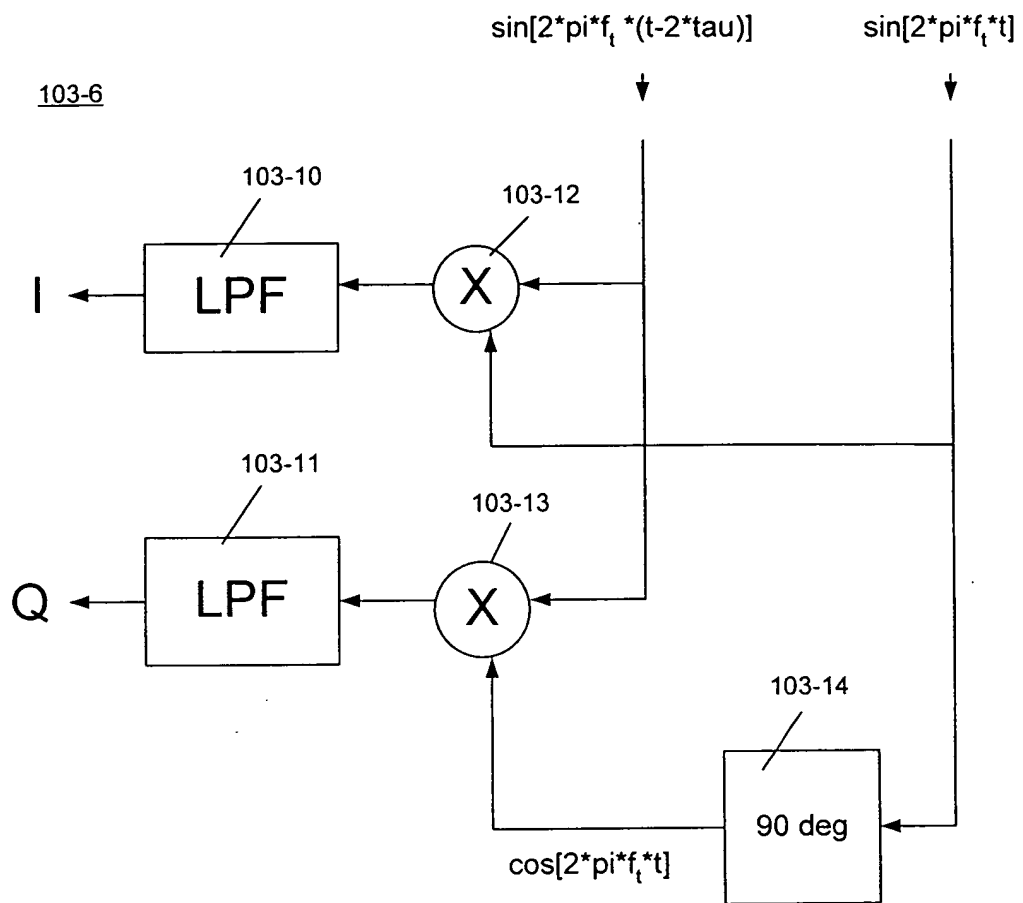
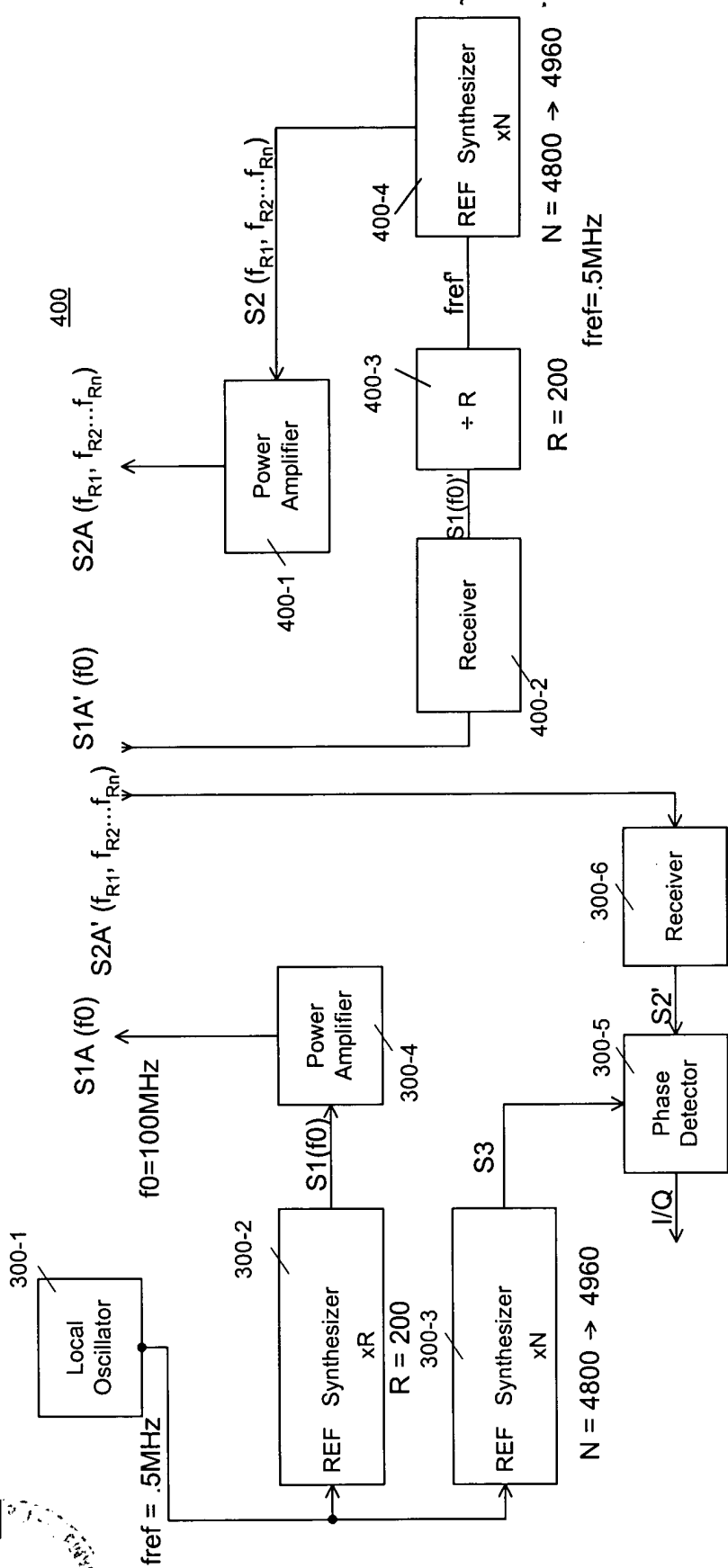


Fig. 6

00759000965260

300



BASE STATION

REMOTE STATION

FIG. 7

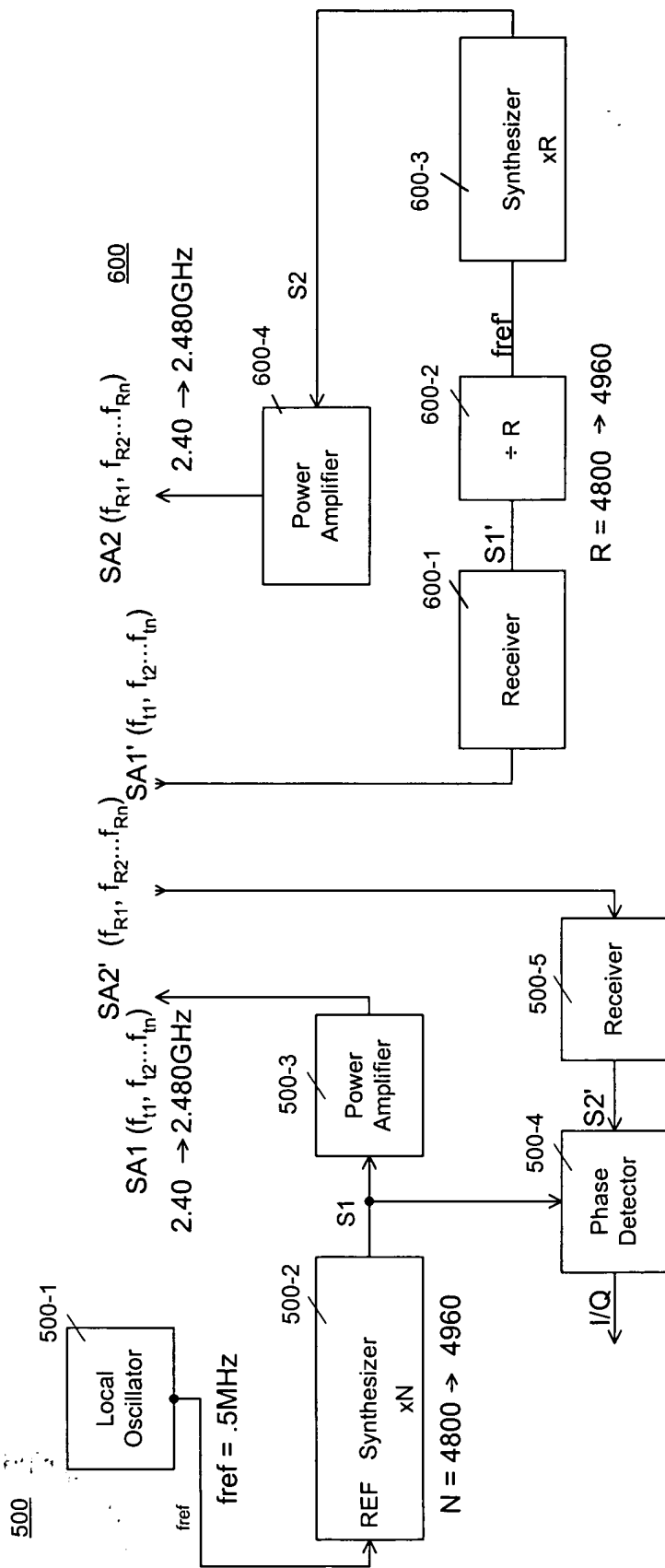


FIG. 8

BASE STATION

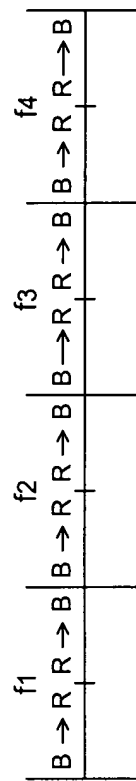
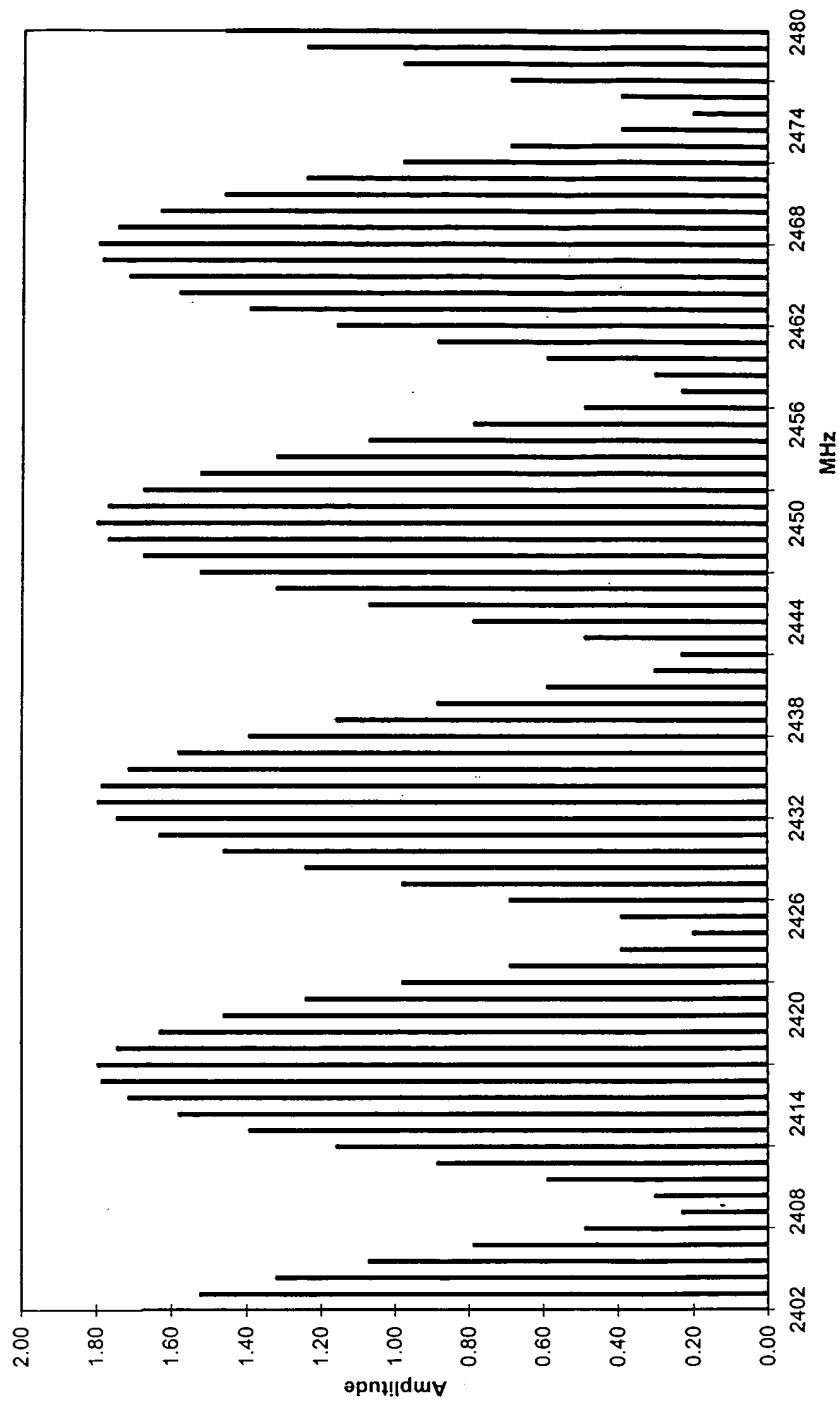


FIG. 9

Figure 10A

Amplitude vs. Frequency
Direct path = 20ns, echo = 80ns.

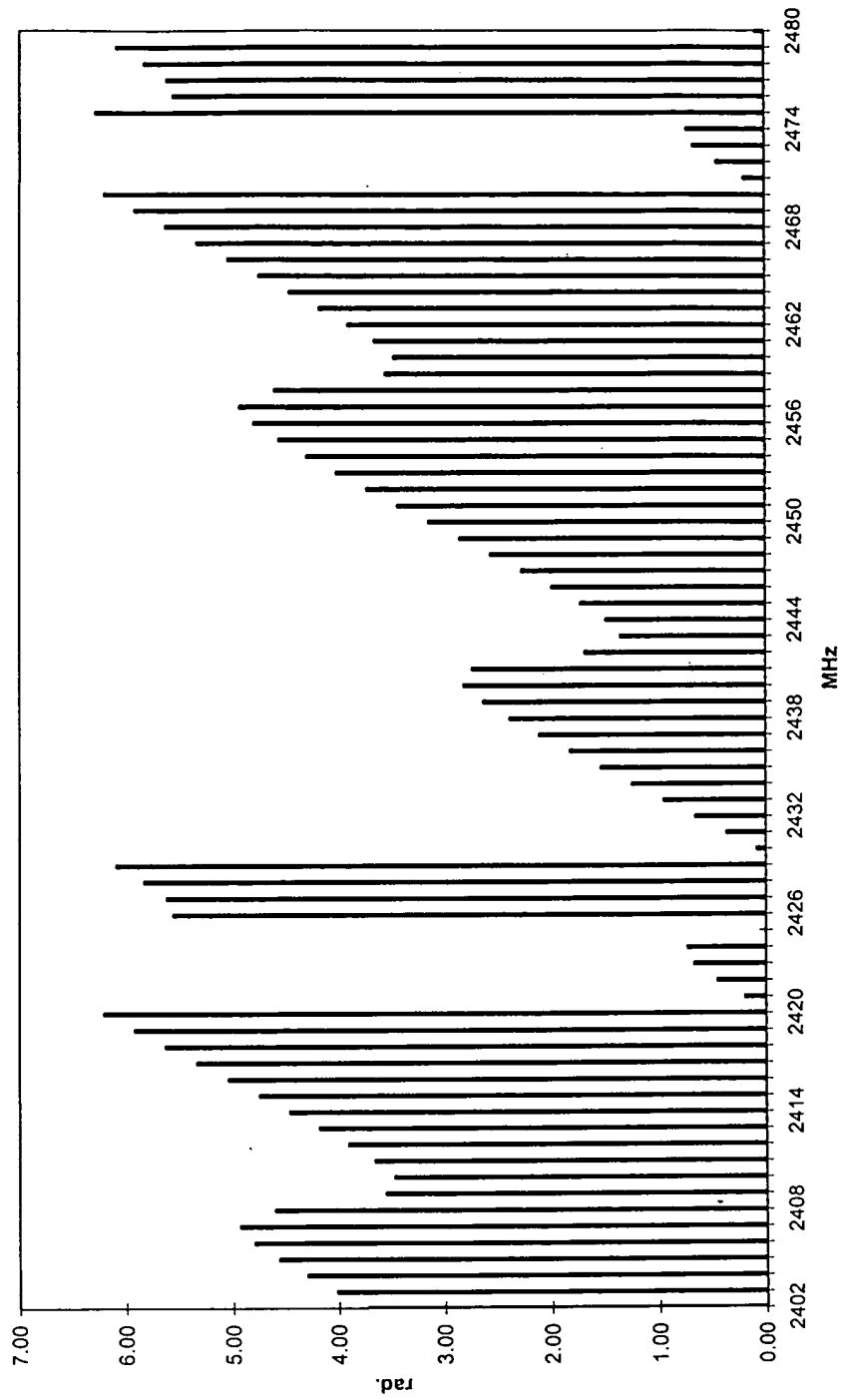


TOP SECRET

Figure 10B

Phase shift vs. Frequency

Direct path = 20ns, echo = 80ns.



703630-00565260

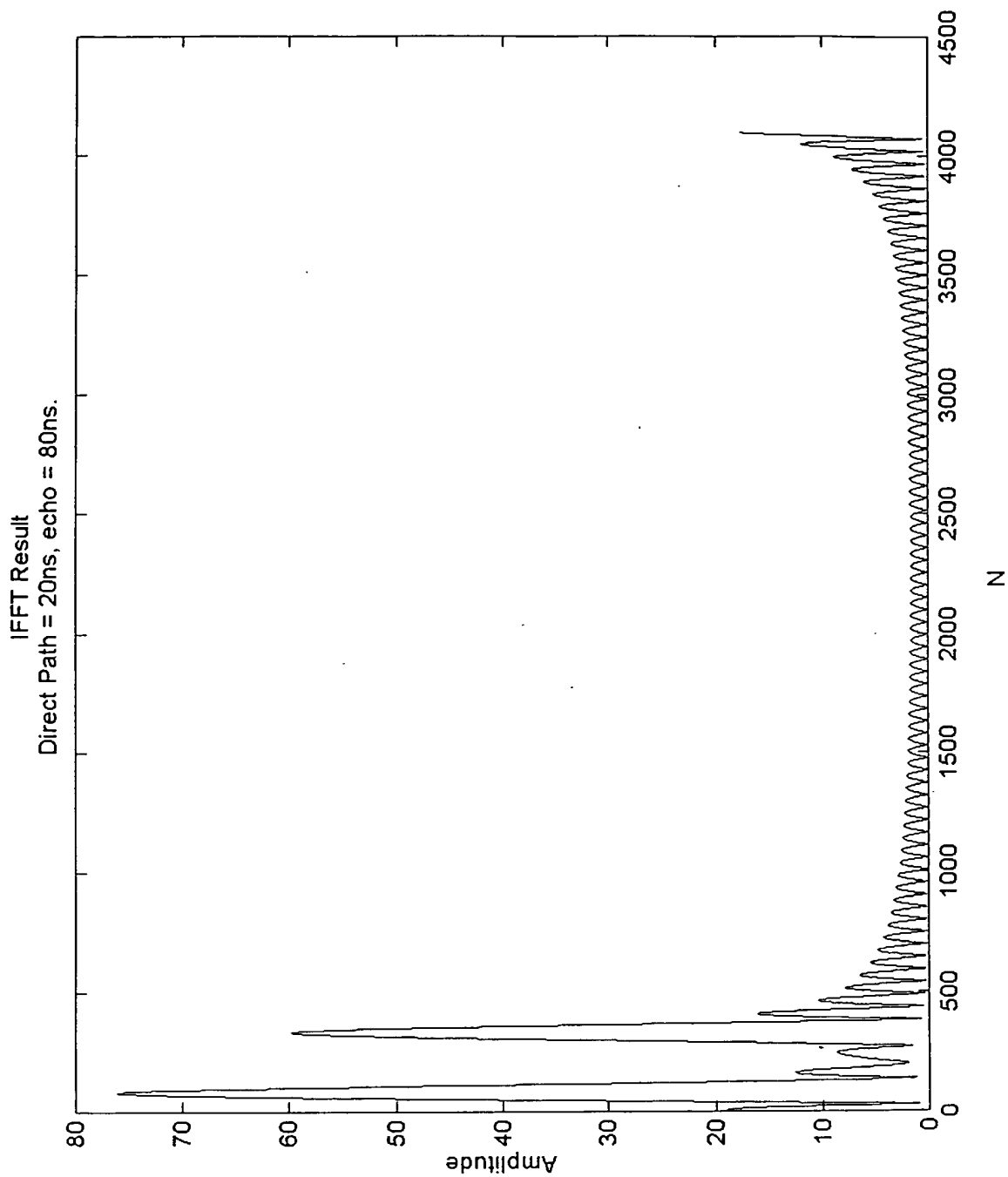


FIGURE 10C

TOP SECRET

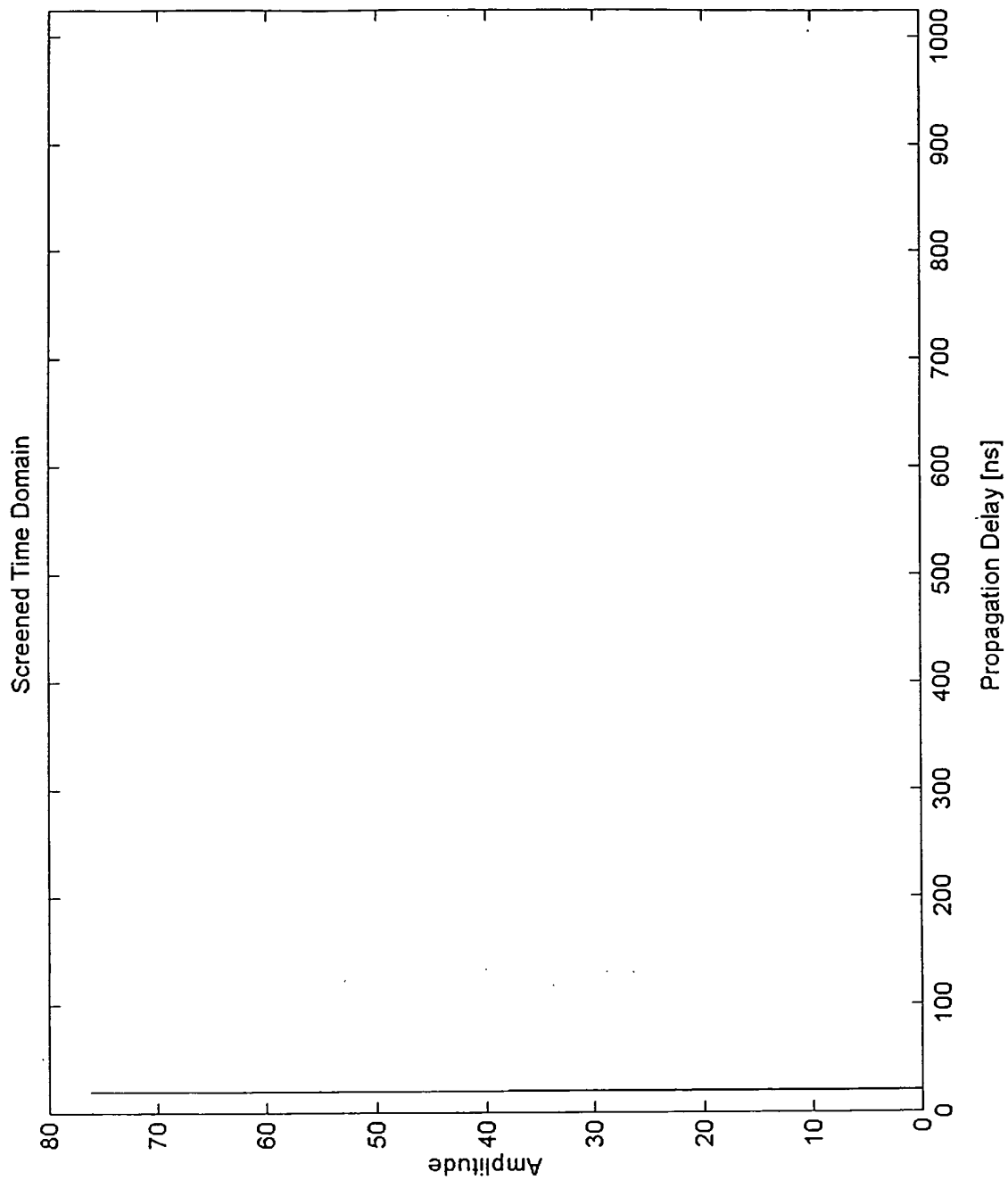


FIGURE 10D

Page 00365260

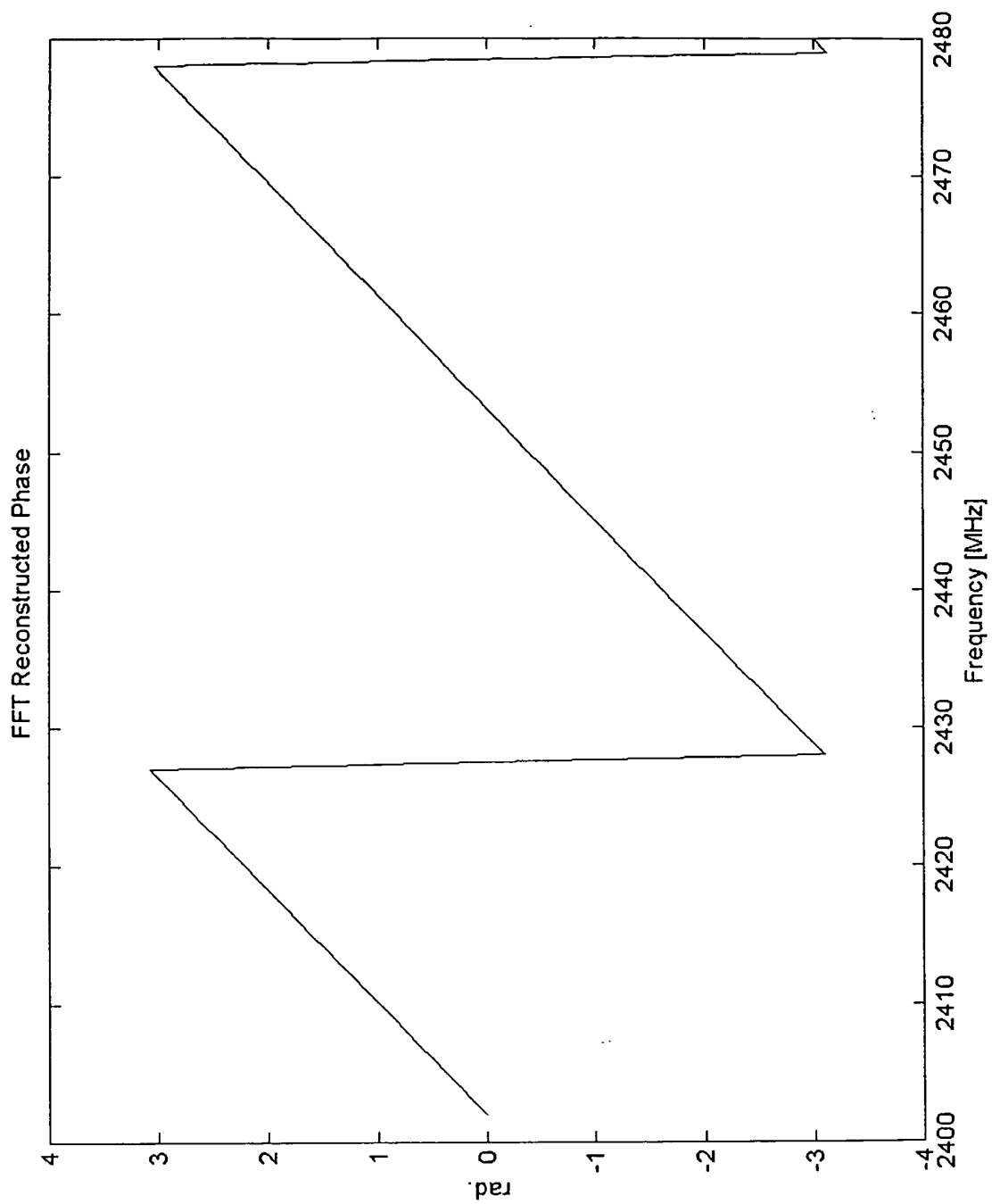
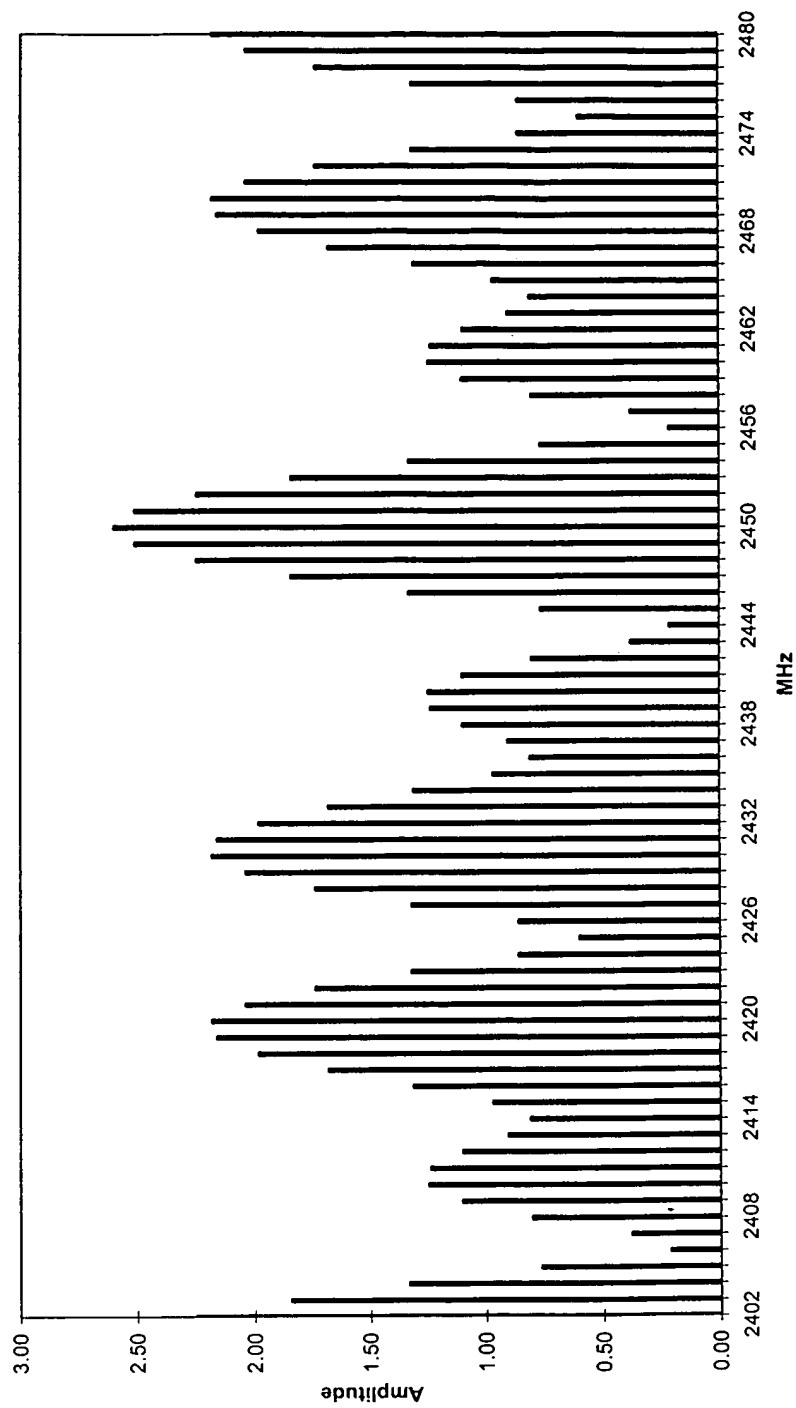


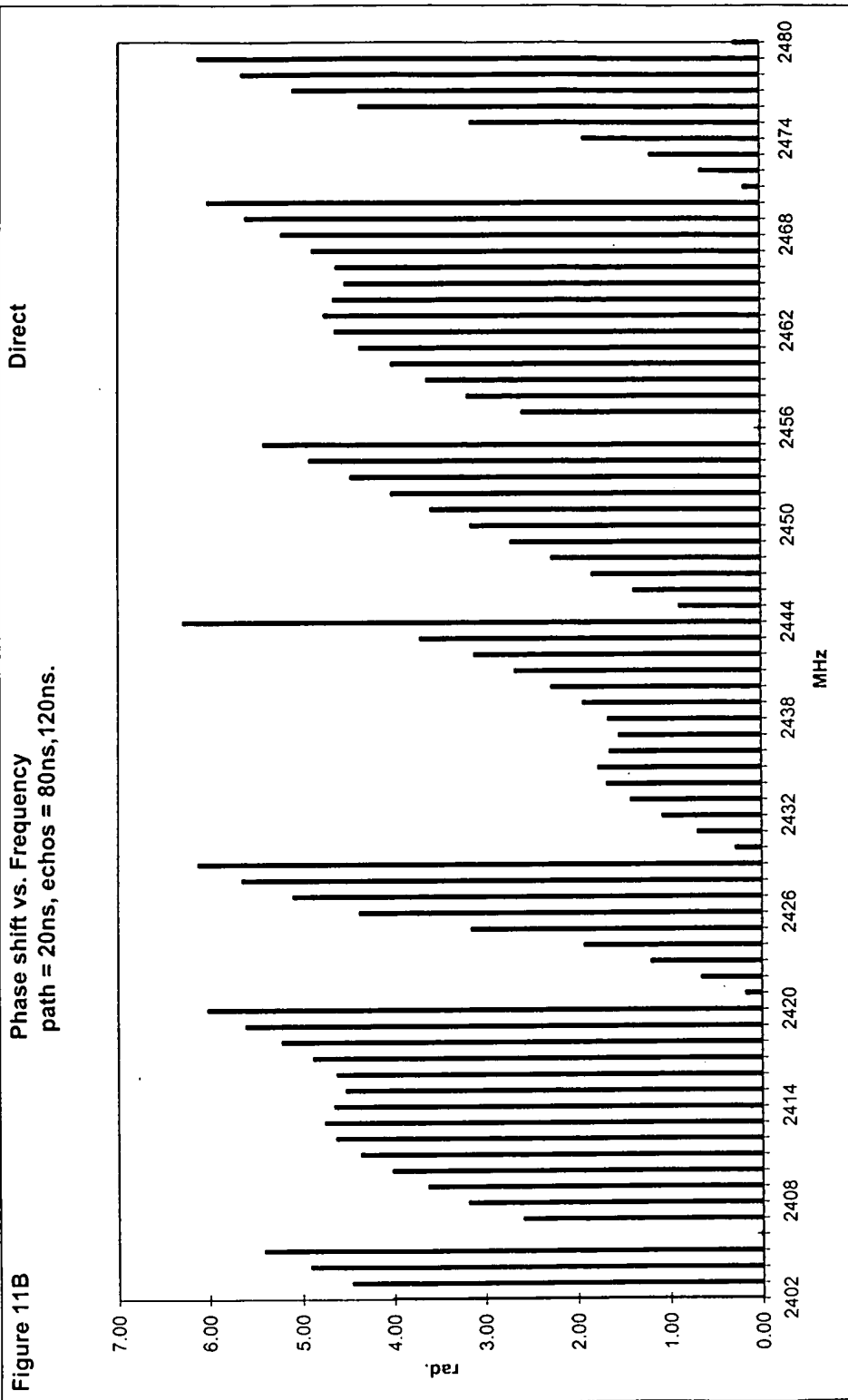
FIGURE 10E

103030" 00365260

Figure 11A Amplitude vs. Frequency
Direct path = 20ns, echos = 80ns, 120ns.



703650 00965460



T09290* 00965260

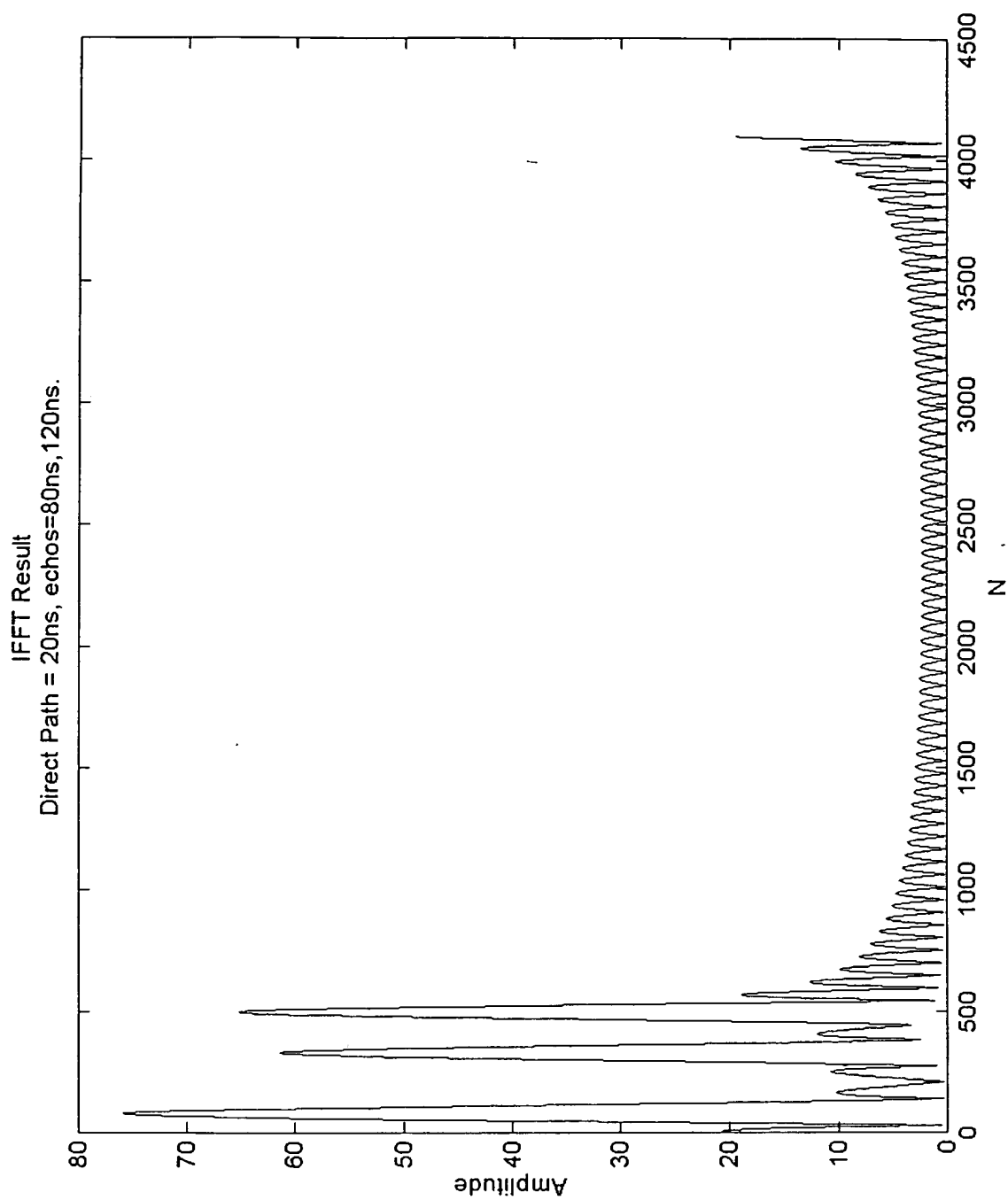


FIGURE 11C

Tested: 00965260

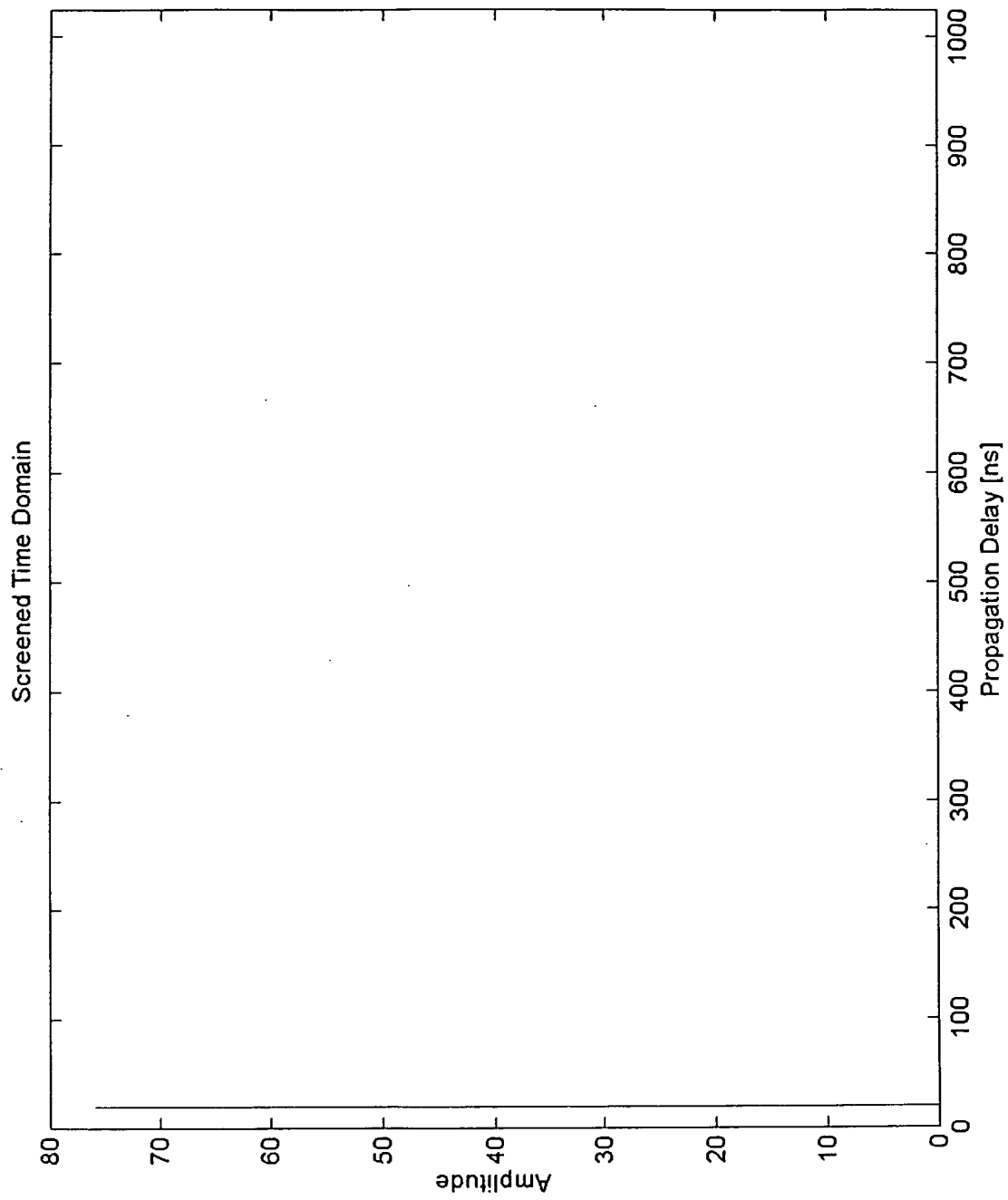


FIGURE 11D

TOP SECRET 00000000

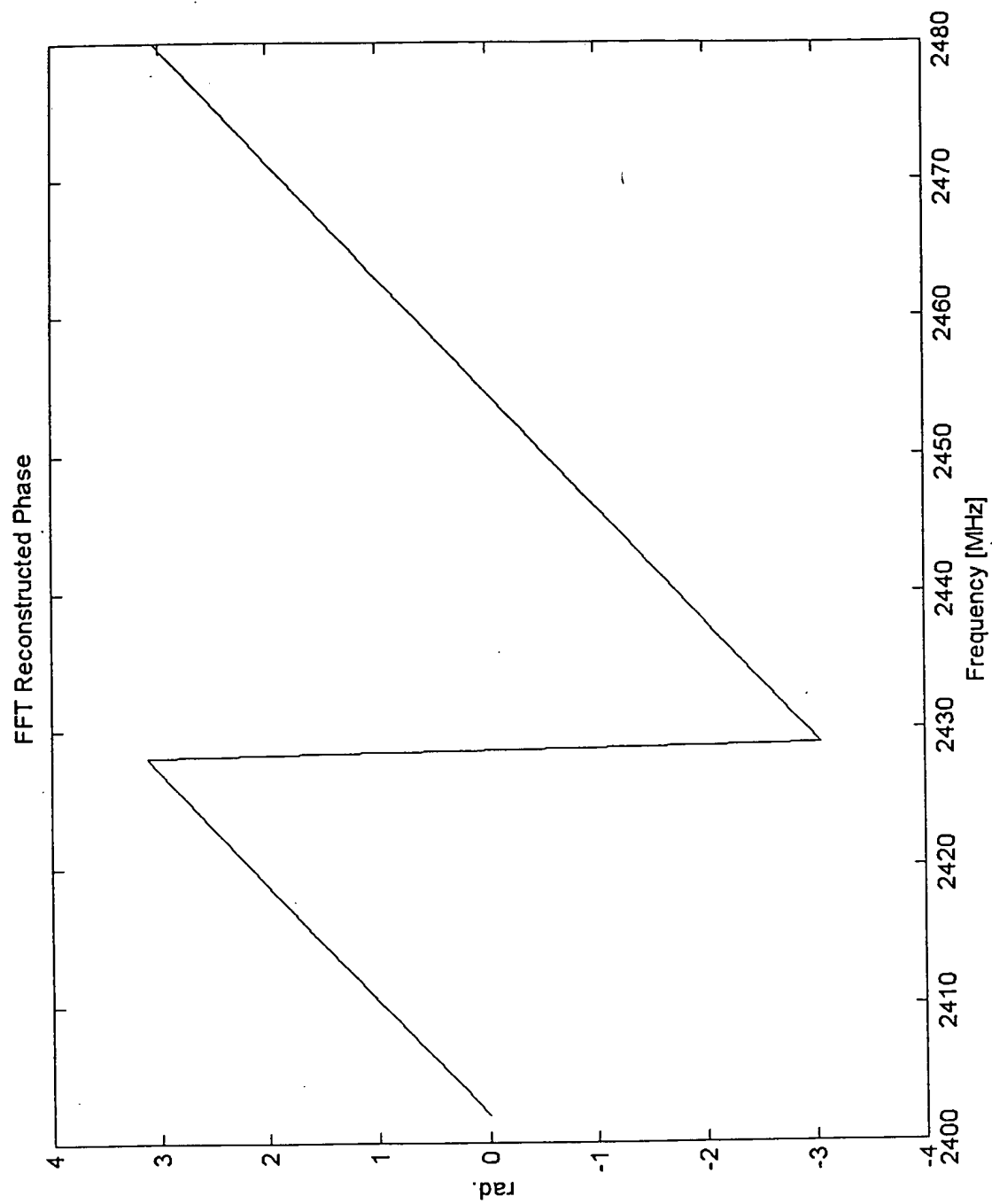


FIGURE 11E

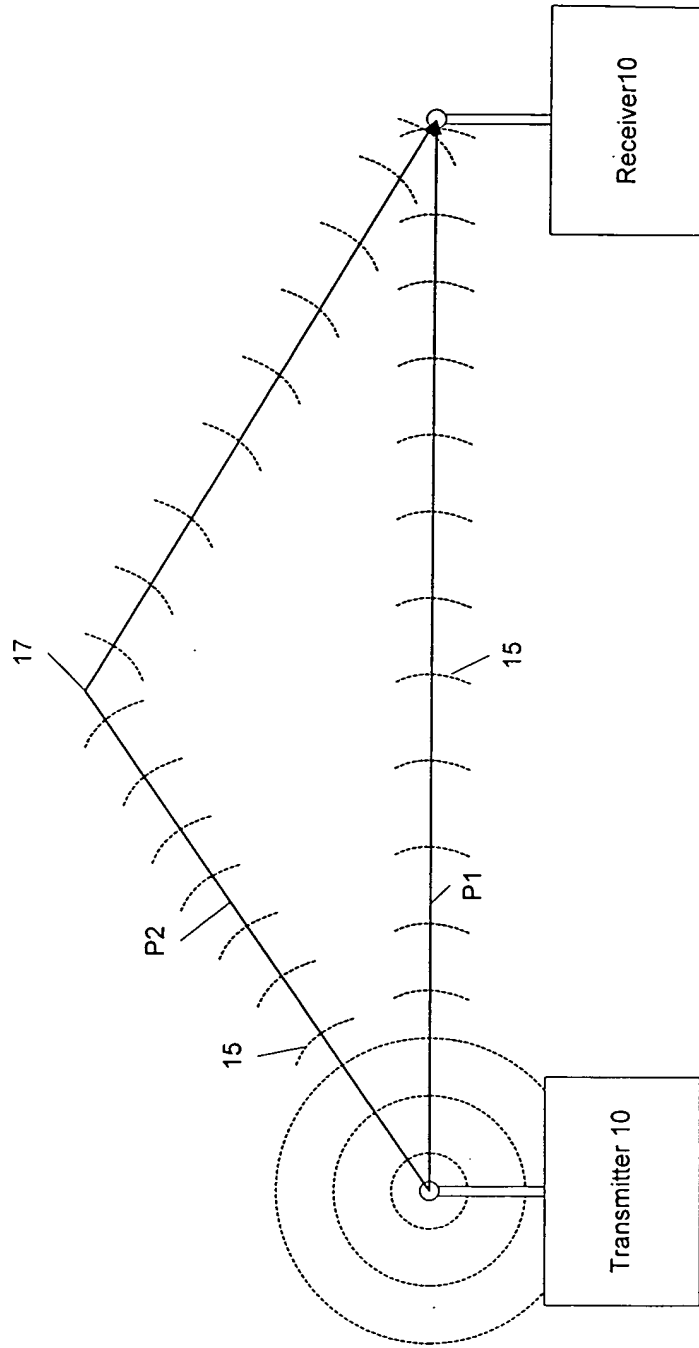


FIGURE 12